

Leadership in Green Building Product

AGC ASIA PACIFIC PTE LTD



Established in 1907, Asahi Glass Co. Ltd (AGC) draws on more than a century of research and technical innovation to develop world-class expertise in various fields related to glass, chemicals, electronics, ceramics as well as other high-tech materials and components.

Leveraging on the breadth and depth of its know-how, AGC is in the three business domains of:

- Safe, Sound and Comfortable Living Spaces and Materials
- Higher Quality Display Devices and Communications
- Clean and Green Energy

Today, it is a truly global company contributing to a high quality of life around the world by providing a stable supply of not only high quality glass, but also a wide range of excellent products across its three business domains.

Building upon its rich history, AGC has acquired the world's leading market share for various glass products, including architectural glass, processed automotive glass, and glass substrates for liquid crystal displays.

AN ONUS ON GREEN BUILDINGS

AGC regards green buildings as an important concept as far as the built environment is concerned, taking it one step further by developing an award-winning green building of its own. In Europe, the AGC Glass Europe Headquarters is a shining example of a company walking the talk, with the building certified "Excellent" by the Building Research Establishment Environmental Assessment Methodology (BREEAM), the second best certification rating a building can obtain. BREEAM



is the world's leading sustainability assessment method for master-planning projects, infrastructure and buildings.

Achieving this rating was no mean feat; only glass was capable of meeting the challenge of admitting maximum natural daylight while protecting the occupants from the sun's heat and glare. The building's designers achieved this feat using double glazing with enhanced thermal insulation in combination with louvres made of screen-printed glass.

AGC's Asia Pacific arm also repeated this emphasis on green buildings when it occupied a new office in Singapore, consolidating all its staff spread across different sites. Fitted out according to green design principles, the office is sited in a Green Mark GoldPLUS certified building and has itself achieved a Green Mark certification of GoldPLUS for Office Interior as well.

Although AGC ensures that its manufacturing processes are truly sustainable while producing sustainable products, these materials would have to meet global standards and benchmarks in order to stay relevant in a dynamic and ever-changing market. Industry certification is an important benchmarking tool, ensuring that performance of AGC products is commensurate with both local and global standards. Over the years, the



AGC group has amassed many forms of certification for its products and manufacturing standards, both mandatory and voluntary for its products. Examples of such recognitions include REACH, ROHS and Cradle to Cradle. The AGC group is also the first glass manufacturer to receive certification under the Singapore Green Building Product (SGBP) labelling scheme, administered by the Singapore Green Building Council (SGBC).

AGC has four certificates issued under the SGBP labelling scheme that cover many different product models, and two of these certificates bear the maximum Leader rating. These certified products enjoy better standing when specified for use in local building projects as the SGBP scheme directly complements the Green Mark Scheme which is Singapore's national green building rating tool administered by the Building and Construction Authority (BCA).

The AGC group is poised to offer its expertise and assistance, banking on its decades-long experience in creating innovative, eco-friendly building materials. AGC's various technologies and commitment to sustainability can help the world achieve a greener, more sustainable environment, one that is real and palpable for future generations to enjoy. ✓

All images courtesy of AGC Asia Pacific Pte Ltd.